



Exhibit 2

**Appl. No.:** 10/002,461  
**Applicant(s):** Keith R. Slavin  
**Filed:** November 1, 2001  
**Title:** LOW POWER, HASH-CONTENT ADDRESSABLE MEMORY ARCHITECTURE  
  
**Art Unit:** 2189  
**Examiner:** Reba I. Elmore  
  
**Docket No.:** DB000955-000

**DECLARATION UNDER RULE 132**

I, Edward L. Pencoske, state as follows:

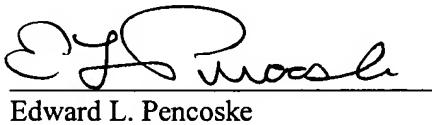
1. I received the Invention Disclosure form prepared by Mr. Slavin from the Micron patent department with instructions to prepare a patent application directed to the subject matter of the disclosure on July 27, 2001.

2. The first draft of the application for patent was sent to the inventor, Mr. Slavin, by the letter enclosed as Exhibit A dated September 18, 2001.

3. By the letter enclosed as Exhibit B dated October 11, 2001, a copy of the application together with formal paper was mailed to Mr. Slavin via overnight mail.

4. The application for patent was filed on November 1, 2001.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

  
Edward L. Pencoske

18 July 06  
Date

THORP REED  
— & —  
ARMSTRONG

Edward L. Pencoske  
Direct Dial: 412-394-7789  
Email: epencoske@thorpreed.com

ATTORNEYS AT LAW SINCE 1895

Mr. Keith R. Slavin  
8474 SW Chevy Place  
Beaverton, OR 97008

September 18, 2001

Your Ref.:	01-0660
Our Ref.:	DB000955-000 (013721.076421)
Disclosure Title:	LOW POWER HASH-CONTENT ADDRESSABLE MEMORY ARCHITECTURE
Country:	U.S.A.
S.N.:	Not Yet Assigned

Dear Mr. Slavin:

Enclosed is a draft of a patent application directed to the above-identified disclosure. Please review the draft to be sure it correctly and fully describes your invention. The description of the invention must (i) be sufficient to enable a person of ordinary skill in the art to make and use the invention and (ii) disclose the best mode known to you of practicing the invention. Bear in mind that we cannot add further description of the invention to the application after it has been filed, so it is important to ensure that the invention is fully and properly described. In that regard, it is appropriate to include in the application foreseeable equivalents for disclosed components. Feel free to make any additions or corrections. We will send the final application and the formal papers to you for your execution as soon as your comments and suggestions are received and incorporated into the enclosed draft.

#### 18 MONTH PUBLICATION

Patent applications are now published by the U. S. Patent Office 18 months after the filing date. If you do not plan to file corresponding applications in foreign countries that publish patent applications, you may file a certification requesting that the U. S. Patent Office not publish your application. However, if you change your mind, and file a corresponding application in a foreign country that publishes applications, you must notify the U. S. Patent Office within 45 days of filing such a foreign application. If you fail to timely notify the U. S. Patent Office of such a foreign filing, your U. S. Application will be abandoned. We ask that you begin considering whether you will file corresponding applications so that a decision regarding filing the certification can be made at the time that the formal papers are executed.

Pittsburgh

Philadelphia

Princeton

Wheeling

Thorp Reed & Armstrong, LLP  
One Oxford Centre  
301 Grant Street, 14th Floor  
Pittsburgh, PA 15219-1425  
412 394 7711  
412 394 2555 Fax

Mr. Keith R. Slavin  
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September 18, 2001

#### REVIEW OF INVENTORSHIP

Now that claims have been prepared, it is appropriate to review the inventorship issue and ensure that all of the people who have made an inventive contribution to the claimed subject matter, and only those people, are listed as inventors.

#### REVIEW OF DUTY OF DISCLOSURE

To ensure that we have all the information to satisfy the duty of disclosure under Rule 56, please carefully review these questions and advise us of any information sought by the questions that has not already been brought to our attention.

1. Are you aware of any previous work that in any way comes close to fitting within what is defined by the claim(s)?
2. Could anybody say that the subject matter defined in the claim(s) is either in commercial use or has been offered for sale?
3. Has anyone published anything concerning the work defined in the claim(s)?
4. Could anyone say that this patent application is supported with specially selected data while certain other data would contradict that support?
5. Are you aware of any patents or printed articles which are directed to solving the same problem as the present invention and do so in a similar way?

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We look forward to receiving your comments on the enclosed application  
as soon as possible.

Sincerely yours,



Edward L. Pencoske

ELP/mep  
Enclosure  
cc: Stacy Summers (w/encl.)

Edward L. Pencoske  
Direct Dial: 412-394-7789  
Email: epencoske@thorpreed.com

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ATTORNEYS AT LAW SINCE 1895

VIA OVERNIGHT MAIL

Mr. Keith R. Slavin  
8474 SW Chevy Place  
Beaverton, OR 97008

October 11, 2001

Your Ref.: 01-0660  
Our Ref.: DB000955-000 (013721.076421)  
Disclosure Title: LOW POWER HASH-CONTENT  
ADDRESSABLE MEMORY  
ARCHITECTURE  
Country: U.S.A.  
S.N.: Not Yet Assigned

Dear Mr. Slavin:

Enclosed is a copy of the application which includes the specification, claims, and drawings. Please review the application to determine if it is satisfactory, i.e., it completely and fully enables and describes the best mode of practicing the invention. I have included the markup of the previous draft to aid in your review. If the application is satisfactory:

1. You must execute the enclosed Declaration by signing and dating that document where indicated.
2. You must execute the enclosed Assignment by signing and dating that document where indicated.
3. Return the application, Declaration and Assignment to us.

We will immediately file the executed application upon its receipt. It is not necessary for you to retain copies of the enclosed documents. Upon filing the application, a complete copy of the application as filed will be sent to you.

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AND  
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October 11, 2001

If you believe any of the enclosed documents need to be revised, please contact me at once.

Sincerely yours,



Edward L. Pencoske

ELP/mep  
Enclosures  
cc: Stacy Summers (w/o encl.)